



## TEST INFORMATION:IHP9201407111262

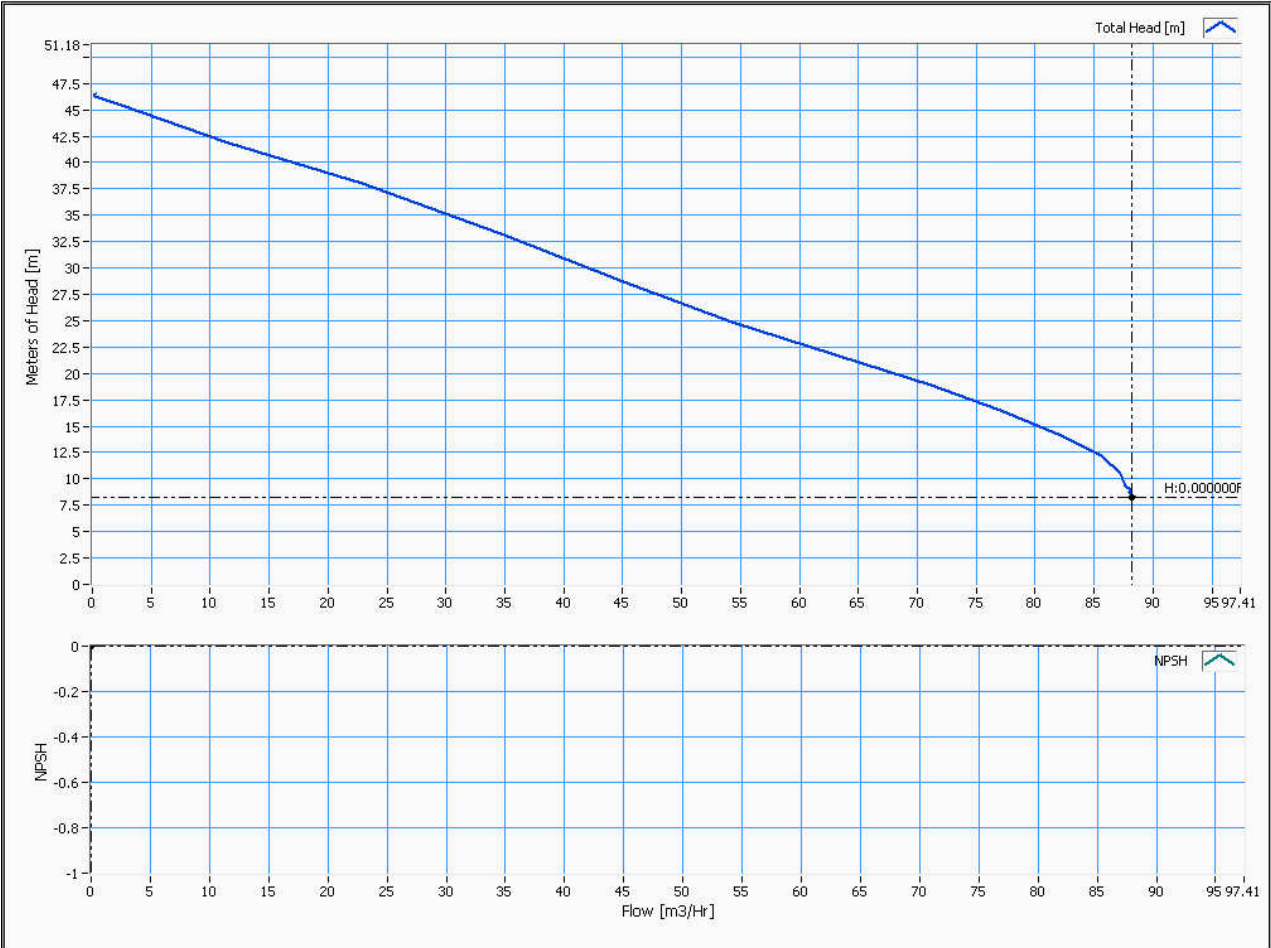
Pump Type:	Engine Driven Pump	Water Temp (deg):	21.00
Suction Head:	0.9	Power Rating (kW/HP):	NA
Model Number:	B3HD	Total Head (m):	46
Outside Temp (deg):	24.00	Discharge (m3/hr):	88
Serial Number:	IHPB3HD9009	Delivery Size (mm):	100.00
Correction Head:	1.6	Suction Pipe Size (mm):	75.00
Rated Speed (rpm):	3600RPM	Customer Info:	IHP VALIDATION TEST @ 164MM

### TEST RESULT

Sl NO	Suction Pressure[bar]	Static Head [m]	Total Suction Head [m]	Flow [m3/hr]	Delivery Pressure [bar/kg/cm2]	Velocity Head [m]	Correction Head [m]	Total Del Head[m]	Total Head [m]	Output [WHP]
1.00	-0.24	0.90	5.24	88.18	0.09	0.51	1.60	3.02	8.26	1.98
2.00	-0.24	0.90	5.25	88.55	0.09	0.51	1.60	3.03	8.28	1.99
3.00	-0.24	0.90	5.24	88.17	0.10	0.51	1.60	3.13	8.36	2.00
4.00	-0.24	0.90	5.24	88.17	0.11	0.51	1.60	3.23	8.46	2.03
5.00	-0.25	0.90	5.30	88.01	0.13	0.50	1.60	3.43	8.73	2.09
6.00	-0.24	0.90	5.23	88.11	0.16	0.50	1.60	3.74	8.97	2.15
7.00	-0.24	0.90	5.22	87.70	0.20	0.50	1.60	4.14	9.36	2.23
8.00	-0.24	0.90	5.20	87.21	0.32	0.49	1.60	5.36	10.56	2.50
9.00	-0.24	0.90	5.07	85.61	0.49	0.48	1.60	7.07	12.15	2.83
10.00	-0.23	0.90	4.89	82.25	0.71	0.44	1.60	9.28	14.17	3.17
11.00	-0.21	0.90	4.51	77.03	0.98	0.39	1.60	11.98	16.49	3.45
12.00	-0.20	0.90	4.19	71.20	1.25	0.33	1.60	14.68	18.87	3.65
13.00	-0.17	0.90	3.75	63.03	1.58	0.26	1.60	17.97	21.72	3.72
14.00	-0.15	0.90	3.33	54.23	1.94	0.19	1.60	21.57	24.90	3.67
15.00	-0.13	0.90	2.93	45.03	2.36	0.13	1.60	25.80	28.73	3.52
16.00	-0.12	0.90	2.62	34.72	2.84	0.08	1.60	30.64	33.26	3.14
17.00	-0.11	0.90	2.34	22.95	3.34	0.03	1.60	35.69	38.04	2.37
18.00	-0.09	0.90	2.12	11.61	3.74	0.01	1.60	39.75	41.87	1.32
19.00	-0.09	0.90	2.10	2.19	4.10	0.00	1.60	43.41	45.50	0.27
20.00	-0.09	0.90	2.10	0.17	4.18	0.00	1.60	44.22	46.32	0.02
21.00	-0.09	0.90	2.10	0.17	4.20	0.00	1.60	44.43	46.52	0.02

# PERFORMANCE CURVE

<b>Pump Type:</b> Engine Driven Pump	<b>Pump Serial Number:</b> IHPB3HD9009	<b>Customer Name:</b> IHP VALIDATION TEST @ 164MM
<b>Suction Head:</b> 0.9	<b>Correction Head:</b> 1.6	<b>Suction Pipe size:</b> 75.00
<b>Model Number:</b> B3HD	<b>Outside Temperature [deg]:</b> 24.00	<b>Total Head [m]:</b> 46



TESTED BY:

APPROVED BY: